

APPLICANT: Chandrupatla et al.

SERIAL NO.: 09/477,021

CONFIRMATION NO.: 8615

FILING DATE: January 3, 2000

TITLE: SHARING OF NAS INFORMATION BETWEEN POPS

PATENT NO.: 6,895,434 B1

ISSUED: May 17, 2005

EXAMINER: Joseph Feild (Primary) and Chau Nguyen (Assistant)

ART UNIT: 2176

**Certificate
OCT 07 2005
of Correction**

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class
Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on the date
printed below:

Date: September 29, 2005Name: *PSH*

Penelope Sherman

Commissioner for Patents,
P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL FOR CERTIFICATE OF CORRECTION

We enclose, pursuant to the provisions of 37 C.F.R. §1.322, a Certificate of
Correction for United States Patent No. 6,895,434. Please make the Certificate of
Correction and the statements herein of record.

The corrections made to the above-identified United States Patent in the Certificate
of Correction filed herewith are to correct mistakes which are of a minor character
according to 35 U.S.C. §254 and 37 C.F.R. §1.322. The proposed corrections do not

constitute such changes in the patent as would constitute new matter or would require re-examination.

37 C.F.R. §1.322 Corrections

Please see attached Certificate of Correction 1-7.

No Fee Due

It is believed that no fee is required for filing the above-noted document. In the event any fee is required for filing of this Certificate of Correction, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No. 50-1698.

Respectfully submitted,
THELEN REID & PRIEST LLP



David Ritchie
Reg. No. 31,562

Dated: September 27, 2005

THELEN REID & PRIEST LLP
P.O. Box 640640
San Jose, CA 95164-0640
(408) 292-5800 direct dial
(408) 287-8040 direct fax

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,895,434 **B1**

DATED : May 17, 2005

INVENTOR(S) : Chandrupatla et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

- 1) In section (75) Inventors of the cover page, replace "Sunil Kumar Podar" with --Sunil Podar--.
- 2) In section (56) under U.S. Patent Documents of page 2 after 5,416,842 A, delete ***.
- 3) In section (56) under U.S. Patent Documents of page 2 after 5,684,950 A, delete ***.
- 4) In section (56) under U.S. Patent Documents of page 2 after 5,815,665 A, delete ***.
- 5) In section (56) under U.S. Patent Documents of page 2 after 5,898,780 A, delete ***.
- 6) In section (56) under U.S. Patent Documents of page 2 after 5,944,824 A delete ***.
- 7) In column 10 line 54, replace "chance" with --change--.

MAILING ADDRESS OF SENDER: Thelen, Reid & Priest
PO Box 640640
San Jose, CA 95164

PATENT NO. 6,895,434

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 11 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,895,434 **B1**

DATED : May 17, 2005

INVENTOR(S) : Chandrupatla et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

- 1) In section (75) Inventors of the cover page, replace "Sunil Kumar Podar" with --Sunil Podar--.
- 2) In section (56) under U.S. Patent Documents of page 2 after 5,416,842 A, delete ***.
- 3) In section (56) under U.S. Patent Documents of page 2 after 5,684,950 A, delete ***.
- 4) In section (56) under U.S. Patent Documents of page 2 after 5,815,665 A, delete ***.
- 5) In section (56) under U.S. Patent Documents of page 2 after 5,898,780 A, delete ***.
- 6) In section (56) under U.S. Patent Documents of page 2 after 5,944,824 A delete ***.
- 7) In column 10 line 54, replace "chance" with --change--.

MAILING ADDRESS OF SENDER: Thelen, Reid & Priest
PO Box 640640
San Jose, CA 95164

PATENT NO. 6,895,434

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 11 2005



Please acknowledge receipt of the following by affixing hereon the Patent Office date stamp and returning this card to our office.

Inventor(s): Chrandrupatla, et al.

Serial No.: 09/477,021

Filing Date: January 3, 2000

Title: SHARING OF NAS INFORMATION BETWEEN POPS

RECEIVED

MAY 22 2000

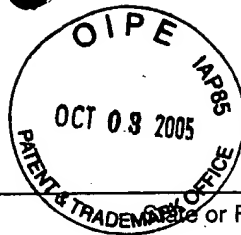


Docket No.: CISCO-1340

O.A. Date: February 16, 2000 D'ALESSANDRO & RITCHIE

Papers Filed: 1. Response to Notice to File Missing Parts and copy of page 2;
2. Combined Declaration/Power of Attorney;
3. Request for Extension of Time with check in the amount of \$110.00;
4. \$1,684.00 Surcharge and Filing Fee; and
5. Copy of Notice to File Missing Parts.

Correction 1



FULL NAME OF INVENTOR 1	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Anil	Kumar	Chandrupatla	
RESIDENCE AND CITY	State or Foreign Country		Country of Citizenship	
	Milpitas	California	India	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	440 Dixon Landing Rd, Apt. K104	Milpitas	California	95035

FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Sunil	Kumar	Chandrupatla	
RESIDENCE AND CITY	State or Foreign Country		Country of Citizenship	
	San Jose	California	India	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	310 ELAN VILLAGE LN 1450 White Wood Court Apt # 222	San Jose	California	95134

FULL NAME OF INVENTOR 3	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Kali	Prasanna	Mishra	
RESIDENCE AND CITY	State or Foreign Country		Country of Citizenship	
	San Jose	California	India	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	4251 Norwalk Drive, Apt. #AA-210	San Jose	California	95129

FULL NAME OF INVENTOR 4	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Sunil	Kumar	Podar	
RESIDENCE AND CITY	State or Foreign Country		Country of Citizenship	
	Sunnyvale	California	India	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	1207 McIntosh Avenue	Sunnyvale	California	94087

FULL NAME OF INVENTOR 5	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Sampath	Kumar	Sthothra Bhasham	
RESIDENCE AND CITY	State or Foreign Country		Country of Citizenship	
	Santa Clara	California	India	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	1901 Halford Avenue, #184	Santa Clara	California	95051

ASSIGNMENT

WHEREAS, we, Anil Kumar Chandrupatla, a citizen of India, residing 440 Dixon Landing Road, Apt. K104, Milpitas, California 95035, Sunil Kumar Chandrupatla, a citizen of India, residing at 1453 White Wood Court, San Jose, California 95131, Kali Prasanna Mishra, a citizen of India, residing at 4251 Norwalk Drive, Apt. #AA-210, San Jose, California 95129, Sunil Podar, a citizen of India, residing at 1207 McIntosh Avenue, Sunnyvale, California 94087, and Sampath Kumar Sthothra Bhasham, a citizen of India, residing at 1901 Halford Avenue, #184, Santa Clara, California 95051, have invented a **"Sharing of NAS Information Between PoPs"** for which we have executed application papers for a U.S. patent thereon which was filed on January 3, 2000, serial no. 09/477,021; and

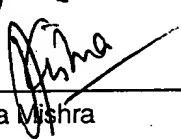
WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business 170 West Tasman Drive, San Jose, California 95134-1706, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Anil Kumar Chandrupatla, Sunil Kumar Chandrupatla, Kali Prasanna Mishra, Sunil Podar and Sampath Kumar Sthothra Bhasham, do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

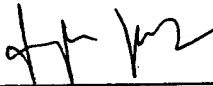
WITNESS MY HAND at Santa Clara, California, this 20th day of April, 2000.


Anil Kumar Chandrupatla


Sunil Kumar Chandrupatla


Kali Prasanna Mishra


Sunil Podar


Sampath Kumar Sthothra Bhasham

Form PTO 1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
CISCO-1340Serial No.
09/477,021OIP
FEB 07 2000
PATENT & TRADEMARK OFFICE
Information Disclosure Statement by Applicant

Applicant: Chandrupatla et al.

(Use several sheets if necessary)

Filed: 1/3/2000

Group:

U.S. Patent Documents

Init.	Document No.	Date	Name	Class	Subclass	Filing Date
CN	A 4,763,191	08/09/88	Gordon et al.	358	86	03/17/86
CN	B 4,922,486	05/01/90	Lidinsky et al.	370	60	03/31/88
CN	C 4,962,497	10/09/90	Ferenc et al.	370	60.1	09/21/89
CN	D 5,003,595	03/26/91	Collins et al.	380	25	08/29/89
CN	E 5,241,599	08/31/93	Bellovin et al.	380	21	10/02/91
CN	F 5,351,136	09/27/94	Wu et al.	358	440	07/10/92
CN	G 5,367,635	11/22/94	Bauer et al.	395	200	08/29/91
CN	H 5,416,842	05/16/95	Aziz	380	30	06/10/94
CN	I 5,423,002	06/06/95	Hart	395	200	02/28/94
CN	J 5,440,635	08/08/95	Bellovin et al.	380	25	08/23/93
CN	K 5,621,721	04/15/97	Vatune	370	16	01/12/95
CN	M 5,668,857	09/16/97	McHale	379	93.07	03/29/96
CN	N 5,809,422	09/15/98	Raleigh, et al.	455	449	03/08/96
CN	O 5,835,727	11/10/98	Wong et al.	395	200.68	12/09/96
CN	P 5,838,683	11/17/98	Corley et al.	370	408	03/13/95
CN	Q 5,845,070	12/01/98	Ikudome	395	187.01	12/18/96
CN	R 5,898,780	04/27/99	Liu et al.	380	25	10/09/96

Foreign Documents

Init.		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
CN	S	0 567 217 A2	10/27/93	Europe	H04L 12	46	X	

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Sam Nguyen

Date Considered

10/21/02

Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chandrupatla, et al.

Serial No. 09/477,021

Filed: January 3, 2000

For: SHARING OF NAS INFORMATION
BETWEEN POPS



Art Unit:

Examiner:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

on 2/4/00
Date

Diane Morse
Diane Morse

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

27 2000

Page 1 of 1Form PTO 1449
(2-32)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
CISCO-1340Serial No.
09/477,021

RECEIVED

Information Disclosure Statement by Applicant

Applicant: Chandrupatla, et al.

JAN 03 2000

(Use several sheets if necessary)

Filed: 1/3/00

Group:

Technology Center

U.S. Patent Documents

Init.		Document No.	Date	Name	Class	Subclass	Filing Date
<i>✓</i>	A	5,241,594	08/31/93	Kung	380	4	01/02/92
<i>CN</i>	B	5,655,077	08/05/97	Jones et al.	395	187.01	12/13/94
<i>CN</i>	C	5,684,950	11/04/97	Dare et al.	395	187.01	09/23/96
<i>CN</i>	D	5,944,824	08/31/99	He	713	201	04/30/97
<i>CN</i>	E	6,092,196	07/18/00	Reiche	713	200	11/25/97
<i>CN</i>	F	6,119,160	09/12/00	Zhang et al.	709	224	10/13/98
<i>CN</i>	G	6,141,687	10/31/00	Blair	709	225	05/08/98

Correction 3 →

Correction 6 →

Foreign Documents

Init.		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Chandrupatla

Date Considered

10/21/02

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Chandrupatla, et al.

SERIAL NO.: 09/477,021

FILING DATE: January 3, 2000

TITLE: SHARING OF NAS INFORMATION BETWEEN POPS



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to:
Assistant Commissioner for Patents
Washington, D.C. 20231

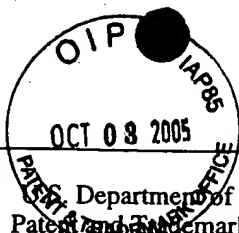
on 12/19/00 *Diane Morse*
Date Diane Morse

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.



Form PTO 1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.
CISCO-1340

Serial No.
09/477,021

Information Disclosure Statement by Applicant

Applicant: Chandrupatla, et al.

(Use several sheets if necessary)

Filed: 1/3/00 Group:

U.S. Patent Documents

Init.		Document No.	Date	Name	Class	Subclass	Filing Date
CN	A	5,610,910	03/11/97	Focsaneanu et al.	370	351	08/17/95
CN	B	5,671,354	09/23/97	Ito et al.	395	187.01	02/23/96
CN	C	5,815,665	09/29/98	Teper et al.	395	200.59	04/03/96
CN	D	5,987,232	11/16/99	Tabuki	395	187.01	09/09/97
CN	E	5,991,810	11/23/99	Shapiro et al.	709	229	08/01/97
CN	F	6,006,334	12/21/99	Nguyen et al.	713	202	05/01/97
CN	G	6,011,910	01/04/00	Chau et al.	395	200.59	04/08/97
CN	H	6,018,770	01/25/00	Little et al.	709	223	10/13/97
CN	I	6,021,496	02/01/00	Dutcher et al.	713	202	07/07/97
CN	J	6,047,376	04/04/00	Hosoe	713	201	03/19/97
CN	K	6,092,196	07/18/00	Reiche	713	200	11/25/97

RECEIVED
OCT 20 2000
MAIL ROOM

Foreign Documents

Init.		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
CN	L	99/53408	10/21/99	PCT	G06F 15	16	X	

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Quintanilla Date Considered 10/21/02

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Chandrupatla, et al.

Serial No. 09/477,021

Filed: January 3, 2000

For: SHARING OF NAS INFORMATION
BETWEEN POPS



) Art Unit:

) Examiner:

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited
with the United States Postal Service with sufficient
postage as First Class Mail, in an envelope addressed to:
Assistant Commissioner for Patents
Washington, D.C. 20231

on 10/12/00 *Diane Morse*
Date Diane Morse

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

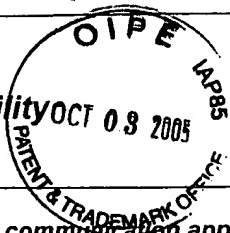
Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

Art Unit: 2176

22. (Original) The method of claim 21, wherein said PoP location indicated within said user name is a city name as a prefix to said user name.
23. (Original) The method of claim 21, wherein said PoP location indicated within said user name is an abbreviation for a city name contained within a domain name affixed to the end of said user name.
24. (Original) The method of claim 20, wherein said determining further includes parsing said user name to reveal a domain name, said domain name indicating an ISP in control of said home PoP.
25. (Original) An apparatus for centrally managing a computer network including:
a central NAS list maintainer;
a NAS list broadcaster coupled to said central NAS list maintainer and coupled to said computer network, said NAS list broadcaster configured to broadcast a message from a central database to a NAS list located at each POP in the computer network whenever said central database is changed, said message containing information regarding the change such that a current version of said central database of all NASes known to the computer network is maintained at said NAS list located at each POP.
26. (Original) The apparatus of claim 25, wherein said central NAS list maintainer and said

Correction 7

Notice of Allowability



Application No.

09/477,021

Examiner

Chau Nguyen

Applicant(s)

CHANDRUPATLA ET AL.

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/24/2004.
2. ☒ The allowed claim(s) is/are 1-77.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____